



FortiGate Connector for Cisco ACI - Release Notes

Version 1

FORTINET DOCUMENT LIBRARY

<http://docs.fortinet.com>

FORTINET VIDEO GUIDE

<http://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

<http://cookbook.fortinet.com/how-to-work-with-fortinet-support/>

FORTIGATE COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING SERVICES

<http://www.fortinet.com/training>

FORTIGUARD CENTER

<http://www.fortiguard.com>

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdocs@fortinet.com



Friday, October 23, 2015

Release Notes- FortiGate Connector for Cisco ACI

01-540-293515-20150929

FortiGate Connector for Cisco ACI v.1.0

Introduction

This document provides the following information for FortiGate Connector for Cisco ACI v1.0. The product can also be referred to as FortiGate Device Package for APIC.

- [Special Notices on page 4](#)
- [Product Integration and Support on page 4](#)
- [Known Issues on page 5](#)
- [Limitations on page 5](#)

Supported Models

FortiGate Connector for Cisco ACI v1.0 supports the following predefined models:

- FG-1000D
- FG-1500D
- FG-3700D
- FG-VM

Unknown models – The use of FortiGate Connector can be attempted with any FortiGate model, but do so with caution. Only those listed above have been confirmed. If an unknown model of FortiGate is used, the user needs to verify port names match the real FortiGate model.

Supported Features

The FortiGate Connector for Cisco ACI supports the following functions:

- Cisco ACI service insertion - software package for FortiGate device deployed to Cisco APIC, containing FortiGate models, function description, version, credentials, as a L4-L7 service.
- Enable tenant configuration to add/modify/delete L4-L7 device of FortiGate firewall service.
- Enable FortiGate deployment as both physical and virtual device (FortiGate chassis & VM).
- Support both transparent (GoThrough) and L3 (GoTo) device mode .
- Automatically create VDOM (context). One VDOM per logical device under a tenant.
- Enable FortiGate specific interface configuration: physical interface and port channel.
- Support IP address configuration on Layer 3 interfaces.
- Support subnet and service object configuration.
- Enable FortiGate firewall device to connect to endpoint groups (EPGs).
- Support IPv4 policies: match, action, network operations & security features' selection.
- Support NAT.
- Enable service graph to add/modify/delete FortiGate firewall service node.

Special Notices

Predefined keywords

Do not modify the predefined key words used by FortiGate.

Custom Addresses and Services character limitations

The name fields of Firewall Addresses and Services should not include spaces or special characters.

Field name character limitations

VDOM name field can only accommodate 13 characters

Rule ID sequence

Rule ID with lowest number will get processed and listed first on theFortiGate.

Product Integration and Support

Fortinet Products

This Version of FortiConnector for Cisco ACI is compatible with the following firmware:

- FortiOS 5.4.0

Cisco Environment

This Version of FortiConnector for Cisco ACI is supported by the following Cisco ACI environments:

- Cisco ACI v1.1(2h)
- Cisco ACi v1.1(3f)

Known Issues

The following issues have been identified in version 1.0. For inquiries about a particular bug or to report a bug, please contact Customer Service & Support.

Bug ID	Description
0293158	Changing VDOM mode from transparent to NAT did not take effect
0292162	Unable to use same parameter name for Firewall Address and Firewall Service
0293968	Unable to create Vdom using the same name as the previous vdom name
0291971	Firewall service Protocol only supports tcp, udp, icmp, icmpv6, sctp and ip.

Limitations

There are limitations to the FortiGate Connector and FortiGate combination. Some of these will be limitations of what the FortiGates can do in the environment. Some of these limitations will be what the FortiGate Connector can do. The limitations are:

- Dynamical routing protocols, such OSPF, BGP, are not supported.
- xEPG solution is not supported, but there is workaround.
- Control of Web Filtering, AV and other FortiGate features through the FortiGate Connector are not supported, but, these features can manually configured on FortiGate.
- Supportive protocols for Firewall Service are limited to : TCP/IP/UDP/ICMP
- HA Cluster is not supported.
- Log statistic is not supported.
- Device Interface Name needs to be input manually instead of drop down list option.



High Performance Network Security



Copyright© 2015 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features, or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.